

EXPRESS MAIL NO: EL750740834US

Docket No. 00-062-DSK

## ABSTRACT OF THE DISCLOSURE

## DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

5           A system is provided to support dynamically  
changeable virtual mapping schemes in a data processing  
system. The present invention separates processing of  
data unit requirements from the selection of which  
storage subsystems to use for storage by using a storage  
10 methodologies inventory. A stored data management  
subsystem contains one or more hosts. A plurality of  
data storage elements is functionally coupled to the one  
or more hosts. The plurality of data storage elements is  
organized using a plurality of layers of mapping tables.  
15 The plurality of layers of mapping tables provides unique  
identification of location of the data such that  
individual data entries in a mapping table is variable  
and self-defining with respect to the amount of data  
managed.

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